

EPA 1650 Arch Street Environmental Management System

Branch Level
Awareness Training
November 2003





What is an **Environmental Management System**?

- Continuous cycle of *plan, do, check and act*
- Improving processes and actions to meet business and environmental goals
- Key **EMS** concepts:
 - ▶ compliance with environmental laws and regs
 - ▶ pollution prevention (P2)
 - ▶ continuous improvement



Why do we have an EMS?

- Reduce gasoline, electricity and paper use
- Reduce waste by conserving, re-using, recycling
- Manage important activities
- Comply with Executive Order 13148 and Administrator's Position Statement on EMS



How does an **EMS** work?





What is our **EMS** policy?

- ➔ *To manage our organization and programs in a manner that protects the environment, the safety of our employees, and public health.*
- ➔ Established in September 2002 and signed by Regional Administrator and all senior managers.



What are our current EMS objectives?

- ➔ Reduce **gasoline** usage by GSA fleet vehicles by 10% by end of FY 2005
- ➔ Reduce the (estimated) **electricity** usage of our business machines by 20% by the end of FY2005
- ➔ Reduce the purchase of **paper** by 30% by the end of FY 2005



What have we accomplished?

- Reduced **paper** consumption by almost 30% - a savings of \$1,545/month
- Reduced **electricity** consumption by an estimated 135,000 kWh a year by installing the monitor sleep mode



What will we do next?

- Be one of the first EPA Offices to have
 - EO 13148 Certified EMS
 - ISO 14001 Certified EMS
- Purchase new energy efficient double-sided printers
- Purchase four new hybrid GSA cars



What should you know?

- EMS =
 - Check Your Answer
-
- EMS Policy =
 - Check Your Answer
-
- EMS Objectives =
 - Check Your Answer



How can you help?

- By using resources wisely and following our programs and operational controls for:
 - ▶ gasoline use in transportation
 - ▶ electricity use
 - ▶ paper use, and
 - ▶ recycling



EMS contacts and website

- Each division/office has an EMS team member
- Steve Donohue, EMS Coordinator 4-3215
- Our entire EMS is on the web at:
www.epa.gov/region3/ems



Please [click here](#) to acknowledge your completion of this EMS training course.

- This will allow us to track and document who has taken the on-line EMS training.

What is an EMS?

Continuous cycle of plan, do, check, act to prevent pollution"

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What is our EMS Policy?

Manage our office to protect the environment, the safety of employees, and public health

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What are our EMS Objectives?

To reduce the use of gasoline, electricity, and paper

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